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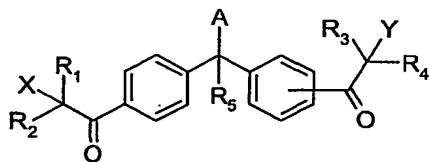
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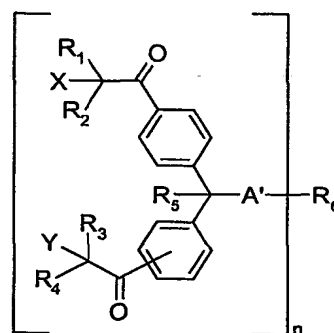
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(54) Title: NOVEL TRIFUNCTIONAL PHOTOINITIATORS



(I)



(II)

(57) Abstract: The Invention relates to novel ketones of formulae (I) and (II) wherein  $R_1$ ,  $R_2$ ,  $R_3$  and  $R_4$  are, for example,  $C_1$ - $C_8$ alkyl,  $R_5$  is, for example, hydrogen, A is Cl, Br,  $-O-R_7$ ,  $-NR_8R_9$  or  $-S-R_{16}$ , A' is  $-O-$ ,  $-NH-$  or  $-NR_8-$ , X and Y are each independently of the other  $-O-R_{10}$  or  $-N(R_{11})(R_{12})$ , n is an integer from 1 to 10,  $R_6$  is, for example, an n-valent radical of linear or branched  $C_2$ - $C_{20}$ alkyl the carbon chain of which may be interrupted by cyclohexanediyl, phenylene,  $-CH(OH)-$ ,  $-C(C_2H_5)(CH_2-CH_2-OH)-$ ,  $-C(CH_3)(CH_2-CH_2-OH)-$ ,  $-C(CH_2-CH_2-OH)_2-$ ,  $-N(CH_3)-$ ,  $-N(C_2H_5)-$ ,  $-N(CH_2-CH_2-OH)-$ ,  $-CO-O-$ ,  $-O-CO-$ ,  $-P(CH_2-CH_2-OH)-$ ,  $-P(O)(CH_2-CH_2-OH)-$ ,  $-O-P(O)(O-CH_2-CH_2-OH)-O-$ ,  $-O-P(O)(O-CH_2-CH_2-OH)-O-$ ,  $-O-cyclohexanediyl-C(CH_3)_2-Cyclohexanediyl-O-$ ,  $-O-phenylene-C(CH_3)_2-phenylene-O-$ ,  $-O-phenylene-CH_2-phenylene-O-$ ,  $-Si(CH_3)_2-$ ,  $-O-Si(CH_3)_2-O-$ ,  $-O-Si(CH_3)(O-CH_3)-O-$ ,  $-Si(CH_3)(R_{17})-O-Si(CH_3)(R_{18})-$ , 5-(2-hydroxyethyl)-[1,3,5]triazine-2,4,6-trione-1,3-diyl and/or by from one to nine oxygen atoms.